1. A water-soluble composition, comprising a solubilizing agent selected from the group consisting of polyoxyethanyl-sitosterol sebacate, polyoxyethanyl-cholesteryl sebacate and polyoxyethanyl-α-tocopheryl sebacate, and a compound selected from the group consisting of a compound having a high content of polyunsaturated fatty acids and a bioactive lipophilic compound selected from the group consisting of a terpene and a terpenoid.

2. A water-soluble composition according to Claim 1, comprising a solubilizing agent selected from the group consisting of polyoxyethanyl-sitosterol sebacate, polyoxyethanyl-cholesteryl sebacate and polyoxyethanyl-α-tocopheryl sebacate, and a compound having a high content of polyunsaturated fatty acids.

3. A composition according to Claim 2, wherein the compound is an oil, and wherein the solubilizing agent and oil are formulated in a weight ratio of solubilizing agent to oil of 2:1 to 3:1.

4. A composition according to Claim 3, wherein the oil is selected from the group consists of flaxseed oil and fish oil.

5. A water-soluble composition according to Claim 1, comprising a solubilizing agent selected from the group consisting of polyoxyethanyl-sitosterol sebacate, polyoxyethanyl-cholesteryl sebacate and polyoxyethanyl-α-tocopheryl sebacate, and a bioactive lipophilic compound selected from the group consisting of a terpene and a terpenoid.

6. A composition according to Claim 5, wherein the solubilizing agent and bioactive compound are formulated in a weight ratio of solubilizing agent to bioactive compound of 3:1 to 4:1.

7. A composition according to Claim 6, wherein the bioactive lipophilic compound is selected from the group consisting of squalene, geranoil, farnesol, β-carotene, astaxanthin, canthaxanthin, zeaxanthin, cryptoxanthin, lutein and lycopene.

8. A composition according to Claim 6, comprising polyoxyethanyl-α-tocopheryl sebacate and squalene, in a weight ratio of polyoxyethanyl-α-tocopheryl sebacate to squalene of 3:1.

9. A composition according to Claim 6, comprising polyoxyethanyl-α-tocopheryl sebacate and astaxanthin, in a weight ratio of polyoxyethanyl-α-tocopheryl sebacate to astaxanthin of 4:1.

10. A method for preparing a water-soluble composition according to Claim 9, comprising:

    a) dissolving solubilizing agent and astaxanthin in a water-miscible organic solvent, in a weight ratio of solubilizing agent to astaxanthin of 4:1 to form a mixture;
    b) diluting the mixture with water to form an aqueous solution;
    c) concentrating the aqueous solution to remove the organic solvent and excess of water;

11. A method according to Claim 10, wherein step c) is effected by evaporation under reduced pressure.

12. A water-soluble composition, comprising a solubilizing agent selected from the group consisting of polyoxyethanyl-α-tocopheryl sebacate and polyoxyethanyl tocotrienyl sebacate, and a compound selected from the group consisting of a tocotrienol, formulated in a ratio of solubilizing agent to tocotrienol of about 5.5:1 w/w and coenzyme Q_{10}, formulated in a ratio of solubilizing agent to coenzyme Q_{10} of 2.5:1 to 3.5:1 w/w .

13. A water-soluble composition according to Claim 12, comprising a solubilizing agent selected from the group consisting of polyoxyethanyl-α-tocopheryl sebacate and polyoxyethanyl tocotrienyl sebacate, and a tocotrienol, formulated in a ratio of solubilizing agent to tocotrienol of about 5.5:1 w/w.

14. A composition according to Claim 13, wherein the solubilizing agent is PTS-600.

15. A composition according to Claim 13, wherein the solubilizing agent is PtrienS-600.

16. A water-soluble composition according to Claim 12, comprising a solubilzing agent selected from the group consisting of polyoxyethanyl-α-tocopheryl sebacate and polyoxyethanyl tocotrienyl sebacate, and coenzyme Q_{10}, formulated in a ratio of solubilizing agent to coenzyme Q_{10} of 2.5:1 to 3.5:1 w/w.

17. A composition according to Claim 16, wherein the solubilizing agent is PTS-400, and wherein the ratio of PCS-400 to coenzyme Q_{10} is 2.5:1 w/w.

18. A composition according to Claim 16, wherein the solubilizing agent is PtrienS-600, and wherein the ratio of PtrienS-600 to coenzyme Q_{10} is 3.5:1 w/w .

19. A method for delivery of α-tocopherol to humans or warm-blooded animals in need thereof, comprising administering to such human or warm-blooded animal, an effective amount of a water-soluble form of vitamin E.

20. A method according to Claim 19, wherein the water-soluble form of vitamin E is polyoxyethanyl-α-tocopheryl sebacate.

21. A water-soluble composition, comprising polyoxyethanyl-α-tocopheryl sebacate and α-tocopheryl acetate, formulated in a ratio of 2:1 to 5.5:1 w/w.

22. A composition according to Claim 21, comprising PCS-400 and α-tocopheryl acetate, formulated in a ratio of PCS-400 to α-tocopheryl acetate of 2:1 to 4.5:1 w/w.

23. A composition according to Claim 21, comprising PCS-600 and α-tocopheryl acetate, formulated in a ratio of PCS-600 to α-tocopheryl acetate of 5.5:1 w/w.

24. A water-soluble composition comprising a bioactive lipophilic compound and a solubilizing agent of the general formula

$$\{X\text{-}OOC\text{-}[(CH_2)_n\text{-}COO]_m\}_p\text{-}Y$$

wherein: p is 1 or 2,
m is 0 or 1, and
n is an integer in the range $O \leq n \leq 18$

X is a residue of a hydrophobic moiety selected from the group consisting of cholesterol, 7-dehydrocholesterol, campesterol, sitosterol, ergosterol, stigmasterol, and α-,β-, γ-, and Δ-tocopherols and derivatives thereof, Y is a residue of a hydrophilic moiety, selected from the group consisting of polyalcohols, polyethers, polyanions, polycations, polyphosphoric acids, polyamines, polysaccharides, polyhydroxy compounds, polylysines and derivatives thereof, provided that:

when p and m are equal to 1 and the hydrophobic moiety is (+)-α-tocopherol, n is not equal to 2, and when the hydrophobic moiety is campesterol, sitosterol or stigmasterol, n is greater than 6.

25. A composition according to Claim 24, wherein the bioactive lipophilic compound is selected from the group consisting of ubiquinones, ubiquinols, vitamins, provitamins and mixtures thereof , provided that:

when the bioactive lipophilic compound is ubiquinone and the hydrophobic moiety is cholesterol, n is not equal to 8.

26. A composition according to Claim 24, where the hydrophilic moiety is PEG-400.

27. A method for making polyoxyethanyl tocotrienyl sebacate, comprising:

a) dissolving a tocotrienol in an organic solvent,

b) reacting the solution with a compound of the general formula Z-OC-$(CH_2)_n$-CO-Z, where Z is a leaving group, and

c) reacting with a compound of the general formula HO-Y-OR, wherein R is hydrogen or an alkyl, and n is from 0 to 18.